

# It's a Wrap.

When it comes to maximising **thermal performance**, look no further. **Don & Low's** reflective membranes are the ultimate solution. **Reflectashield®**, a reflective breather membrane for the cold side, and **VapourTX® Thermo**, a reflective vapour control layer for the warm side of the insulation, work together to enhance energy efficiency and ensure lasting durability in timber frame, steel frame and modular build-ups.



Thermal  
Excellence  
Inside Out

 **Reflectashield®**

 **VapourTX®**  
THERMO



## Benefits

- Excellent Thermal Resistance of 0.81m<sup>2</sup>K/W
  - Provides a weather-resistant covering until the final façade has been installed
  - Can be left exposed for 6-12 weeks as STA Advice Note 18
  - Aids in complying with BS5250 and Part L
  - Low vapour resistance aids in mitigating the risk of interstitial condensation
  - Coated to ensure aluminium foil is resistant to corrosion and damage
  - Durable product with high nail tear and tensile properties
  - Independently 3<sup>rd</sup> party-certified by BM TRADA to ensure product performance
  - UK Manufactured
- Excellent Thermal Resistance 0.79m<sup>2</sup>K/W
  - Provides a complete air and vapour-tight barrier due to high air and vapour resistance
  - It can be used to comply with BS5250 and Part L
  - Suitable for use in PassivHaus and Net Zero Carbon projects
  - Coated to ensure aluminium foil is resistant to corrosion and damage
  - Durable product with high nail tear and tensile properties
  - Independently 3<sup>rd</sup> party-certified by BM TRADA to ensure product performance
  - UK Manufactured

| TEST                                    | Reflectashield®                                | VapourTX® Thermo                    |
|---|--|-------------------------------------|
| Product Code                            | RFL 134  | RCL 142                             |
| Mass Per Unit Area (g/m <sup>2</sup> )  | 134g/m <sup>2</sup> (+/- 13 g/m <sup>2</sup> ) | 142                                 |
| Reaction to Fire                        | Class E  | Class E                             |
| Water Vapour Resistance (Sd)            | 0.083 m (+/- 0.011)                            | 150 m                               |
| Water Penetration                       | Class W2 Before & After ageing                 | Class W1                            |
| Vapour Resistance (MN/sg)               | 0.41   | 750                                 |
| Tensile Strength (N/5cm)                | Before ageing                                  | MD260/CD200                         |
|   | After ageing                                   |                                     |
| Elongation (%)                          | Before ageing                                  | MD 59/CD 70                         |
|   | After ageing                                   |                                     |
| Tear Resistance (N)                     | MD160/CD160                                    | MD 155/CD 155                       |
| Air Permeability (50Pa)                 | 28.0 m <sup>3</sup> /m <sup>2</sup> /hr        |                                     |
| Emissivity                              | 0.05   |                                     |
| Thermal resistance (m <sup>2</sup> K/W) | 0.81 horizontally                              | 0.79 horizontally / 0.58 vertically |

All products are manufactured under BS EN ISO 9001.

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